

**ELECTROMOTIVE  
EQUIPMENT MECHANIC  
WG-5876-10**

**TRANSPORTATION  
MAINTENANCE**

ELECTROMOTIVE VEHICLE MECHANIC  
WG-5876-10

JOB SUMMARY

This position is located in the Facilities Management & Airfield Support Department, Facilities Management Division, Transportation Branch, Naval Air Station, Lemoore, CA. Incumbent performs journeyman level maintenance involving trouble shooting, repairing and/or overhauling complex, major components and systems on a variety of electric powered vehicles and material handling equipment such as ~~forklifts and industrial platform vehicles~~

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TYPICAL WORK PERFORMED

Incumbent repairs and uses a wide variety of test procedures and equipment such as multi meters, test benches, special feeler, dial indicators. Incumbent visually and operationally checks electrical powered vehicles for malfunctions, and repair or overhaul as required. By removal or inspection, to R & R stationary contacts, moving contacts, supports, armature, shunts, magnetic cores, magnetic frames, connector, shims, coils, connectors, etc. Incumbent repairs electrical motors, R & R's bushings, brushes, bearings, contact switches, and other defective parts. Incumbent works strictly with electrical MHE equipment and electrical powered vehicles. Repairs all other related automotive components such as braking systems, hydraulic systems, steering, and drive train assemblies.

SKILL AND KNOWLEDGE

The incumbent must have up to date knowledge of state of the art technology in vehicle repair techniques for specialized electrical, mechanical, and hydraulic systems. Must be proficient in makeup, operations, and installation of all components, assemblies, and vehicle systems with special emphasis on critical skill knowledge related to electrical vehicles and electrical material handling equipment. Must know when and how major systems components are disassembled, what parts and mechanisms require repair, refit, rework or replacement. The extent of adjustment and alignment required. Must be highly skilled in the use of state of the art diagnostic and test equipment.

RESPONSIBILITY

Records and documents all maintenance performed on appropriate record keeping forms. Fill out work orders completely, reflecting time expended on repair and servicing action. Reports to Transportation Supervisor possible requirements for material deficiency reports and vehicle abuse actions. Researches technical orders, parts catalogues, commercial manuals and catalogues. Conducts in-house training to Automotive Workers in a cost savings effort in up-grading skill level of lower graded personnel. Instructing in shop procedures and all other maintenance techniques related to the repair of MHE and electrical vehicles.

PHYSICAL EFFORTS

Work requires standing, stooping, bending, stretching, crawling under vehicles, and working in tight spaces in tiring and uncomfortable positions. Must be able to lift components weighing up to 50 pounds.

WORKING CONDITIONS

The incumbent is expected to work inside and outside with drafty and noisy conditions and with fumes from vehicles. Has a high shock hazard and is subject to cuts, bruises and potential burns from battery acid and exhaust. Specialized equipment (tools) are furnished by Transportation Branch.